

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 08/922,240A
Source: 1FW/6
Date Processed by STIC: 1/21/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/21/2005

PATENT APPLICATION: US/08/922,240A

TIME: 15:58:53

Input Set : A:\APBI-P01-007.TXT

Output Set: N:\CRF4\01212005\H922240A.raw

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4 <110> APPLICANT: Schreiber, Stuart L.
5     Belshaw, Peter
6     Crabtree, Gerald R.
8 <120> TITLE OF INVENTION: GENE THERAPY BY CELL SPECIFIC TARGETING
11 <130> FILE REFERENCE: APBI-P01-007
13 <140> CURRENT APPLICATION NUMBER: US 08/922,240A
14 <141> CURRENT FILING DATE: 1997-08-27
16 <150> PRIOR APPLICATION NUMBER: US 60/024,666
17 <151> PRIOR FILING DATE: 1996-08-27
19 <160> NUMBER OF SEQ ID NOS: 3
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 10
25 <212> TYPE: PRT
26 <213> ORGANISM: Unknown
28 <220> FEATURE:
29 <223> OTHER INFORMATION: synthetic modified cyclosporin A peptide
W--> 31 <221> NAME/KEY: VARIANT
32 <222> LOCATION: 1
33 <223> OTHER INFORMATION: Xaa = Abu: alpha-aminobutyric acid
W--> 35 <221> VARIANT
36 <222> LOCATION: 2
37 <223> OTHER INFORMATION: Xaa = Sar: sarcosine
W--> 39 <221> VARIANT
40 <222> LOCATION: 3, 5, 8, 9
41 <223> OTHER INFORMATION: Xaa = MeLeu: N-methyllleucine
W--> 43 <221> VARIANT
44 <222> LOCATION: 7
45 <223> OTHER INFORMATION: Xaa = D-Ala: D-alanine
W--> 47 <221> VARIANT
48 <222> LOCATION: 10
49 <223> OTHER INFORMATION: Xaa = Ac-N-MeValinol ester
W--> 51 <400> 1
W--> 52 Xaa Xaa Xaa Val Xaa Ala Xaa Xaa Xaa Xaa
53 1 5 10
56 <210> SEQ ID NO: 2
57 <211> LENGTH: 12
58 <212> TYPE: PRT
59 <213> ORGANISM: Unknown
61 <220> FEATURE:
62 <223> OTHER INFORMATION: synthetic modified cyclosporin A peptide
W--> 64 <221> NAME/KEY: VARIANT
65 <222> LOCATION: 1

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66 <223> OTHER INFORMATION: Xaa = Fmoc-CpSar:
67     9-fluorenylmethoxycarbonyl-cyclopentyl sarcosine
W--> 69 <221> VARIANT
70 <222> LOCATION: 2
71 <223> OTHER INFORMATION: Xaa = MeBmt:
72     (4R)-N-methyl-4-butenyl-4-methyl-L-threonine
W--> 74 <221> VARIANT
75 <222> LOCATION: 3
76 <223> OTHER INFORMATION: Xaa = Abu: alpha-aminobutyric acid
W--> 78 <221> VARIANT
79 <222> LOCATION: 4
80 <223> OTHER INFORMATION: Xaa = Sar: sarcosine
W--> 82 <221> VARIANT
83 <222> LOCATION: 5, 7, 10, 11
84 <223> OTHER INFORMATION: Xaa = MeLeu: N-methyllleucine
W--> 86 <221> VARIANT
87 <222> LOCATION: (9)...(9)
88 <223> OTHER INFORMATION: Xaa = D-Ala: D-alanine
W--> 90 <221> VARIANT
91 <222> LOCATION: (12)...(12)
92 <223> OTHER INFORMATION: Xaa = Valinol ester
W--> 94 <400> 2
W--> 95 Xaa Xaa Xaa Xaa Xaa Val Xaa Ala Xaa Xaa Xaa Xaa
96 1 5 10
99 <210> SEQ ID NO: 3
100 <211> LENGTH: 11
101 <212> TYPE: PRT
102 <213> ORGANISM: Unknown
104 <220> FEATURE:
105 <223> OTHER INFORMATION: synthetic modified cyclosporin A peptide
W--> 107 <221> NAME/KEY: VARIANT
108 <222> LOCATION: 1
109 <223> OTHER INFORMATION: Xaa = Me-CpSar: methyl-cyclopentyl sarcosine
W--> 111 <221> VARIANT
112 <222> LOCATION: 2
113 <223> OTHER INFORMATION: Xaa = MeBmt:
114     (4R)-N-methyl-4-butenyl-4-methyl-L-threonine
W--> 116 <221> VARIANT
117 <222> LOCATION: 3
118 <223> OTHER INFORMATION: Xaa = Abu: alpha-aminobutyric acid
W--> 120 <221> VARIANT
121 <222> LOCATION: 4
122 <223> OTHER INFORMATION: Xaa = Sar: sarcosine
W--> 124 <221> VARIANT
125 <222> LOCATION: 5, 7, 10
126 <223> OTHER INFORMATION: Xaa = MeLeu: N-methyllleucine
W--> 128 <221> VARIANT
129 <222> LOCATION: (9)...(9)
130 <223> OTHER INFORMATION: Xaa = D-alanine

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Input Set : A:\APBI-P01-007.TXT

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W--> 132 <221> VARIANT

133 <222> LOCATION: (11)...(11)

134 <223> OTHER INFORMATION: Xaa = MeLeu-(OH): hydroxyl-N-methyllleucine

W--> 136 <400> 3

W--> 137 Xaa Xaa Xaa Xaa Xaa Val Xaa Ala Xaa Xaa Xaa

138 1

5

10

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. ~~1,2,3,5,7,8,9,10~~
Seq#:2; Xaa Pos. ~~1,2,3,4,5,7,9,10,11,12~~
Seq#:3; Xaa Pos. ~~1,2,3,4,5,7,9,10,11~~

VERIFICATION SUMMARY

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Input Set : A:\APBI-P01-007.TXT

Output Set: N:\CRF4\01212005\H922240A.raw

L:31 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:35 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:39 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:43 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:47 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:51 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:64 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:69 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:74 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:78 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:82 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:86 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:90 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:94 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:107 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:111 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:116 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:120 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:124 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:128 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:132 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:136 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0